

Attorney Docket No. 02-103

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: Wang et al.  
Serial No.: 10/766,297  
Filed: January 28, 2004  
For: FISCHER-TROPSCH SYNTHESIS USING MICROCHANNEL TECHNOLOGY AND NOVEL CATALYST AND MICROCHANNEL REACTOR  
Art Unit: 1754  
Examiner: Not yet known

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, pending applications, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed, except for (a) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120, and (b) any U.S. patent or U.S. patent application publication if the present application was filed after June 30, 2003 or entered the national stage under 35 USC § 371 after June 30, 2003:

Serial No.: \_\_\_\_\_  
Filing Date: \_\_\_\_\_

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) \_\_\_\_ A copy of each English language version of a search report (or EPO Search Report) indicating the degree of relevance found by the foreign office of each document being submitted from the search report, is being submitted herewith or has previously been submitted.
- (b) \_\_\_\_ Attached is a "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

- (a) \_\_\_\_ Within 3 months of the filing date or date of entry into the National Stage.
- (b) x Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988 for consideration of this Statement.
- (c) \_\_\_\_ Before the mailing date of a first Office Action on the merits after a first or second submission

after final rejection under 37 C.F.R. 1.129(a).  
(d) \_\_\_ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

(1) \_\_\_ The required certification is given below, or

(2) \_\_\_ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or

(3) \_\_\_ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988

(e) \_\_\_ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.

(1) \_\_\_ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p), or

(2) \_\_\_ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988.

4. Certification (if applicable)

(a) \_\_\_ The undersigned hereby certifies that each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

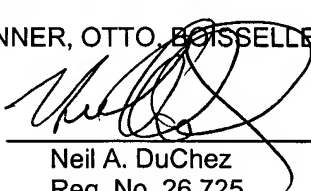
(b) \_\_\_ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the undersigned's knowledge after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 18-0988.

Respectfully submitted,

RENNER, OTTO, BOISSELLE & SKLAR, LLP

By

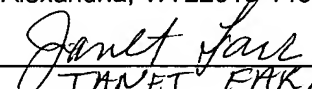
  
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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8**

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: 11/12/04

  
JANET FAIR

NOV 15 2004

Form PTO-1449 (Modified)

Atty Docket No.

Serial No.

02-103

10/766,297

LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S  
INFORMATION DISCLOSURE STATEMENT

Applicant: Wang et al.

(Use several sheets if necessary)

Filing Date

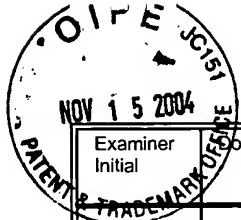
Group

01/28/04

1754

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Name	Class	Sub-class	Filing Date if Appropriate
	2004/0156762	08/2004	Schuppich et al.	422	191	
	2004/0144421	07/2004	Parce et al.	137	14	
	2004/0143059	07/2004	Cabrera	524	800	
	2004/0141893	07/2004	Martin	422	198	
	2004/0136902	07/2004	Plath et al.	423	651	
	2004/0132832	07/2004	Espinoza et al.	518	716	
	2004/0131829	07/2004	Joseph et al.	428	166	
	2004/0131507	07/2004	Saitmacher et al.	422	111	
	2004/0131345	07/2004	Kylberg et al.	392	465	
	2004/0130057	07/2004	Mehrabi et al.	264	171.13	
	2004/0127352	07/2004	Jin et al.	502	322	
	2004/0125689	07/2004	Ehrfeld et al.	366	165.1	
	2004/0123626	07/2004	Caze et al.	65	17.2	
	2004/0107831	06/2004	Graham et al.	95	96	
	2004/0104010	06/2004	Kenny et al.	165	80.4	
	6,773,684	08/2004	Lesieur et al.	422	198	
	6,770,245	08/2004	Akporiaye et al.	422	82.12	
	6,769,444	06/2004	Guzman et al.	137	15.01	
	6,764,660	07/2004	Wiede, Jr. et al.	422	198	
	6,756,515	06/2004	Rende et al.	585	444	
	6,756,340	08/2004	Voskoboynikov et al.	502	328	
	6,755,211	06/2004	O'Connor et al.	137	554	
	6,749,817	06/2004	Mulvaney, III	422	200	
	6,749,817	06/2004	Bergh et al.	422	130	
	6,747,178	06/2004	Harston et al.	570	175	
	6,746,819	06/2004	Schmitz et al.	430	272.1	



Examiner Initial	Document Number	Date (MM/YYYY)	Name	Class	Sub-class	Filing Date if Appropriate
	6,746,651	06/2004	Ponzo et al.	422	220	
	6,675,875	01/2004	Vafai et al.	165	80.4	

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Country	Class	Sub-class	Translation	
						Yes	No
	2004/067708	08/2004	WO				
	2004/067492	08/2004	WO			Abs.	
	2004/067444	08/2004	WO				
	2004/067160	08/2004	WO				
	2004/062792	07/2004	WO				
	2004/062791	07/2004	WO				
	2004/062790	07/2004	WO				
	2004/054696	07/2004	WO				
	2004/054013	06/2004	WO				
	2004/052941	06/2004	WO			Abs.	
	2004/052530	06/2004	WO				
	2004/052518	06/2004	WO			Abs.	
	2004/050799	06/2004	WO				
	2004/045760	06/2004	WO			Abs.	
	03/026788	04/2003	WO				
	1 311 341 B1	08/2001	EP				X

## OTHER ART

Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
	Besser, Ronald S. "New Directions in Reactor Design Through Miniaturization". 9/13/02, Tulane Engineering Forum.
	Ouyang et al. "Flexible Microreactor System for Chemical Research at Moderate and High Temperatures". Stevens Institute of Technology.
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**Information Disclosure Statement PTO-1449 (Modified)**

The identification of any reference is not intended to be, and should not be understood as being, an admission that such publication, in fact, constitutes "prior art" within the meaning of applicable law since, for example, a given reference may have a later effective date than first seems apparent or the reference may have an effective date which can be antedated. The "prior art" status of any reference is a matter to be resolved during prosecution.

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